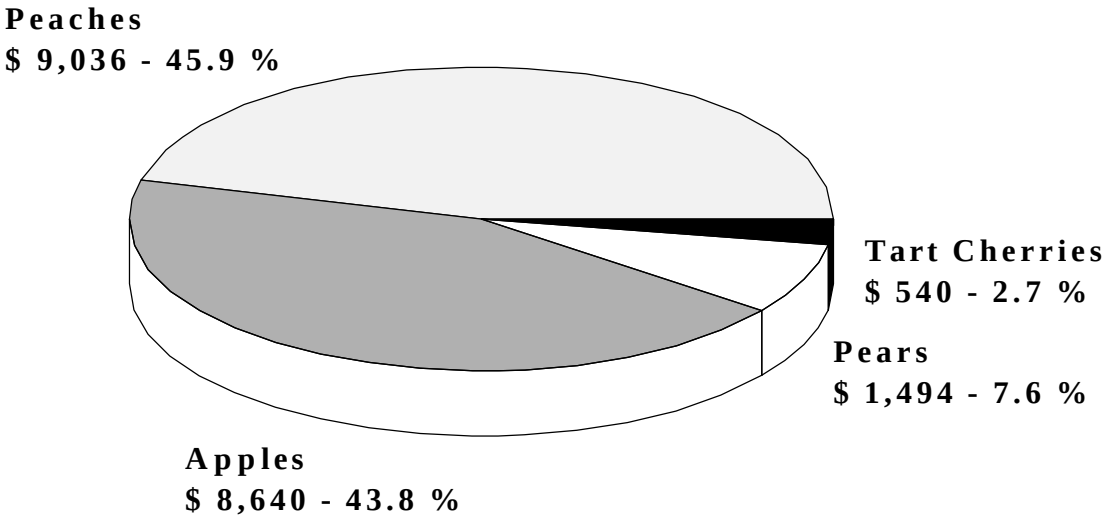
Colorado Fruit Crops - 1998
Value of Production & % of Total
(Value in $ 1,000)



FRUIT CROPS - 1998

All fruit crops in Colorado did much better in 1998 than they did the previous year. Freeze damage was minimal and seasonal development was normal with only light hail damage in a few localities. Producers had a higher production than the 1997 crop for each fruit. Apple and tart cherry production nearly doubled the previous year, peach production nearly tripled, and pear production was more than a third larger. Total production of the state's four major fruit crops in 1998 was 93.3 million pounds, up nearly double the 47.9 million pounds produced in 1997 when all crops suffered freeze losses early in the year. The total value of the utilized production from the 1998 crops was $19.7 million, up 87 percent from $10.5 million a year earlier. Apples ranked first in terms of production, but peaches ranked first in terms of total value of production.

Apple growers came closer to getting a full crop in 1998 than they had since 1994. The 1998 crop of 65.0 million pounds was nearly twice as large as the freeze shortened 1997 output of just 35.0 million pounds. With a generally good quality crop, producers expected to average 14.9 cents per pound for their 1998 apples, just slightly below the 15.1 cents per pound received for the 1997 crop. The total value of the utilized 1998 crop, at $8.6 million, was 68 percent higher than the $5.1 million received for the 1997 crop. Apples represented 69.7 percent of the production but just 43.8 percent of the total value from the four fruit crops.

Peach production for 1998, at 20.0 million pounds, was nearly three times larger than the 7.0 million pounds produced in the freeze shortened 1997 crop. While quality of the crop was excellent, the large production resulted in a lower price per unit sold. Growers received only 48.8 cents per pound for the 1998 crop compared with 66.1 cents for the 1997 crop. Total value of the utilized crop in 1998 was $9.0 million, still more than double the $4.3 million received for the 1997 crop despite the lower prices. The value of the peach production represented 45.9 percent of the total value from the four fruit crops.

Pear production in 1998 totaled 3,500 tons, up 35 percent from the previous year's output of 2,600 tons. In addition, producers received $449 per ton for their 1998 crop compared with $295 per ton for the 1997 crop. The total value of the utilized production was just under $1.5 million, nearly double the $762 thousand received for the 1997 crop. Pears represented 7.6 percent of the total value received from the four fruit crops.

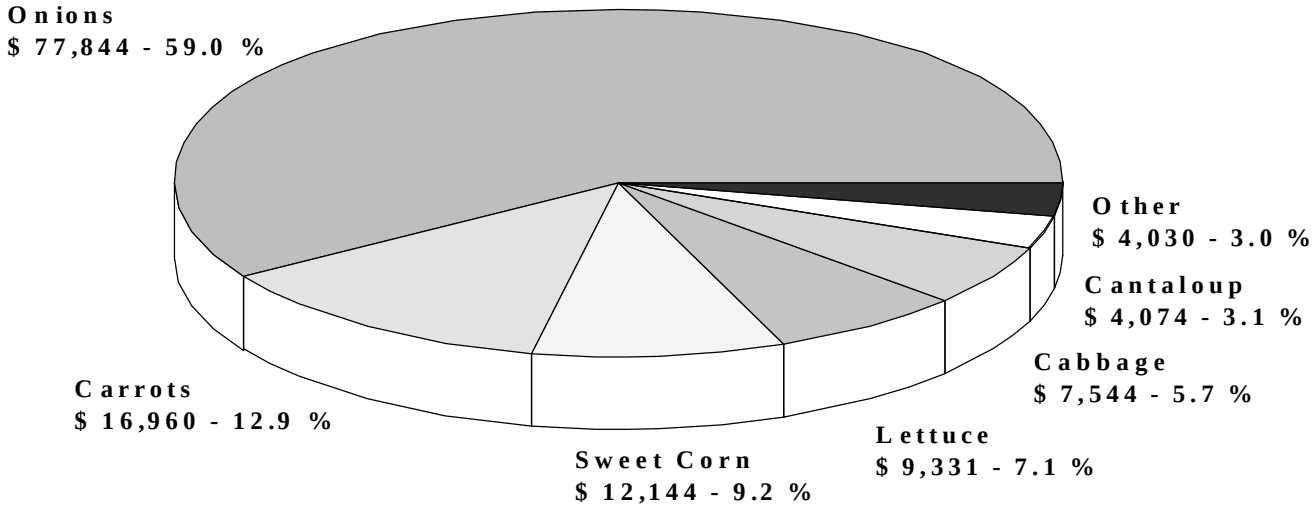
Tart cherry production totaled 1.3 million pounds in 1998, almost double the 700 thousand pounds produced in 1997. Producers received 45.0 cents per pound for their 1998 crop compared with 56.0 cents received for the 1997 crop. The total value of the utilized production, at $540,000, was 61 percent above the $336,000 received for the 1997 crop. The 1998 value represented 2.7 percent of the total value for the four fruit crops.

Fruits: Production, price and value, Colorado, 1987-98

Year	Production		Price per unit	Value of utilized production
	Total 1/	Utilized		
Apples	**Million Pounds**		**Cents**	**1,000 Dollars**
1987	125.0	118.0	6.70	7,948
1988	65.0	65.0	11.00	7,160
1989	70.0	68.0	9.60	6,548
1990	35.0	33.0	14.70	4,838
1991	75.0	70.0	15.60	10,904
1992	90.0	88.0	14.50	12,768
1993	92.0	90.0	14.70	13,229
1994	85.0	83.0	15.70	13,007
1995	55.0	51.0	14.50	7,375
1996	25.0	24.0	20.20	4,837
1997	35.0	34.0	15.10	5,138
1998	65.0	58.0	14.90	8,640
Peaches	**Million Pounds**		**Cents**	**1,000 Dollars**
1987	19.0	17.0	22.40	3,814
1988	16.0	15.5	26.90	4,175
1989	2/	2/	2/	2/
1990	17.0	16.0	35.60	5,696
1991	2.0	1.7	38.00	646
1992	18.0	15.5	33.30	5,165
1993	18.0	17.0	31.10	5,287
1994	20.0	18.0	31.90	5,742
1995	17.0	16.0	49.60	7,932
1996	17.0	16.0	49.60	7,934
1997	7.0	6.5	66.10	4,297
1998	20.0	18.5	48.80	9,036
Pears	**Tons**		**Dollars**	**1,000 Dollars**
1987	8,000	6,400	199.00	1,274
1988	3,800	3,700	251.00	928
1989	4,000	4,000	337.00	1,348
1990	2,500	2,500	336.00	841
1991	3,100	3,100	298.00	925
1992	4,000	4,000	284.00	1,137
1993	5,000	4,800	348.00	1,670
1994	4,200	4,100	268.00	1,097
1995	2,900	2,800	357.00	1,000
1996	1,200	1,100	436.00	480
1997	2,600	2,580	295.00	762
1998	3,500	3,325	449.00	1,494
Tart Cherries	**Million Pounds**		**Cents**	**1,000 Dollars**
1987	2.5	.8	10.10	81
1988	1.3	.8	25.10	201
1989	.5	.4	12.50	50
1990	1.0	.9	20.70	186
1991	1.6	1.6	41.40	663
1992	1.5	1.5	36.50	547
1993	1.6	0.9	24.90	224
1994	1.5	1.1	35.50	390
1995	1.2	1.0	41.40	414
1996	1.0	0.9	47.30	426
1997	0.7	0.6	56.00	336
1998	1.3	1.2	45.00	540

1/ In certain years, production includes some quantities not harvested because of economic conditions which are excluded in computing values.
2/ No significant commercial production or value in 1989 due to frost.

Colorado Vegetable Crops - 1998
Value of Production & % of Total
(Value in $ 1,000)



VEGETABLE CROPS - 1998

Vegetable producers in Colorado harvested just under 11.0 million cwt of fresh market and processing crops during 1998 which had a total value of $131.9 million, up 21 percent from the $109.3 million received for virtually the same quantity of vegetables produced in 1997. Production was higher than the previous year for cabbage, lettuce, onions, and sweet corn. Smaller crops were produced for cantaloupe, carrots, cucumbers, and spinach. Acreage and production estimates are prepared for only eight vegetable crops. Numerous other vegetable crops are produced in the state but are not surveyed for acreage and production data.

Production of **dry storage onions** in 1998 totaled 6.1 million cwt, up 14 percent from the previous year. The harvested area increased 5 percent to 16,000 acres and the average yield of 380 cwt per acre was 30 cwt above the 1997 average. The quantity of onions expected to be marketed had an estimated value of $77.8 million compared with $49.5 million from the 1997 crop. Onions represented 55 percent of the total production and 59 percent of the total value from the eight crops.

Carrots were the second largest vegetable crop produced in the state, accounting for 15 percent of the total production and 13 percent of the total value. Production declined 33 percent from the previous year, to 1.6 million cwt, as a result of fewer acres harvested and lower yields. Value of the 1998 crop, at just under $17.0 million, was 29 percent below a year earlier.

Sweet corn was the third leading vegetable crop, accounting for 10 percent of the total production and 9 percent of the total value. Harvested acreage was up 10 percent, per acre yields were down slightly, production increased 6 percent and per unit prices were much improved from the previous year.

Cabbage ranked fourth in production and fifth in value. Value of production, at $7.5 million, was up 28 percent from a year earlier as a result of a 12 percent increase in production and a 14 percent increase in prices.

Lettuce had the fifth highest production and ranked fourth in terms of value of production. Production was up 14 percent from a year earlier to 864,000 cwt but value of production, at $9.3 million, was 16 percent below the previous year as a result of a 26 percent decline in price.

Cantaloupe ranked sixth in both production and value. Production was down 14 percent from 1997 to 304,000 cwt and value was down 23 percent to $4.07 million.

Spinach placed seventh with a total production of 95,000 cwt, down 9 percent, from 1,900 acres harvested. The 1998 crop was valued at $3.8 million, up 14 percent from the $3.3 million received for the 1997 crop.

Cucumbers for pickles production in 1998 was 1,440 tons, down 76 percent from 1997. Value of the 1998 crop, at just $230,000, was down 79 percent.

Vegetables: Acreage, production and value, Colorado, 1990-98

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
	Cabbage 1/					
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**Dollars**	**1,000 Dollars**
1990	---	---	---	---	---	---
1991	---	---	---	---	---	---
1992	1,300	1,200	330	396	5.90	2,336
1993	1,600	1,400	390	546	8.90	4,859
1994	1,800	1,700	480	816	7.80	6,365
1995	2,100	1,900	300	570	6.20	3,534
1996	2,300	2,200	390	858	8.50	7,293
1997	2,300	2,100	390	819	7.20	5,897
1998	2,400	2,300	400	920	8.20	7,544
	Cantaloupe 1/					
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**Dollars**	**1,000 Dollars**
1990	---	---	---	---	---	---
1991	---	---	---	---	---	---
1992	1,300	1,200	90	108	10.00	1,080
1993	1,700	1,600	150	240	9.70	2,328
1994	2,000	1,800	180	324	12.80	4,147
1995	2,000	1,800	120	216	12.30	2,657
1996	2,000	1,700	200	340	10.80	3,672
1997	2,000	1,600	220	352	15.00	5,280
1998	2,200	1,900	160	304	13.40	4,074
	Carrots					
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**Dollars**	**1,000 Dollars**
1990	1,500	1,300	345	449	7.60	3,412
1991	2,000	1,600	375	600	8.00	4,800
1992	2,700	2,600	365	949	10.60	10,059
1993	3,300	2,800	380	1,064	8.60	9,150
1994	3,500	3,100	380	1,178	10.00	11,780
1995	4,000	3,600	475	1,710	13.50	23,085
1996	4,300	4,100	350	1,435	7.10	10,189
1997	5,400	4,800	500	2,400	10.00	24,000
1998	4,400	4,000	400	1,600	10.60	16,960
	Cucumbers for Pickles					
	Acres	**Acres**	**Tons**	**Tons**	**Dollars**	**1,000 Dollars**
1990	700	700	11.34	7,940	137.00	1,088
1991	970	850	7.80	6,630	113.00	749
1992	1,500	1,400	4.84	6,780	168.00	1,139
1993	1,000	1,000	9.57	9,570	210.00	2,010
1994	900	800	10.80	8,640	200.00	1,728
1995	950	920	8.05	7,410	129.00	956
1996	900	900	8.00	7,200	150.00	1,080
1997	780	720	8.45	6,080	180.00	1,094
1998	160	160	9.00	1,440	160.00	230
	Lettuce					
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**Dollars**	**1,000 Dollars**
1990	3,500	3,400	300	1,020	12.40	12,648
1991	4,800	4,700	220	1,034	6.42	6,638
1992	3,600	3,400	300	1,020	15.80	16,116
1993	3,700	3,600	290	1,044	10.80	11,275
1994	3,600	2,800	280	784	8.89	6,970
1995	4,100	3,300	260	858	7.65	6,564
1996	2,900	2,700	220	594	7.00	4,158
1997	2,500	2,300	330	759	14.60	11,081
1998	2,800	2,700	320	864	10.80	9,331

1/ Estimates reinstated with the 1992 crop.

Vegetables: Acreage, production and value, Colorado, 1990-98

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
	Spinach 1/					
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**Dollars**	**1,000 Dollars**
1990	---	---	---	---	---	---
1991	---	---	---	---	---	---
1992	3,300	2,600	100	260	26.10	6,786
1993	3,600	3,500	100	350	29.10	10,185
1994	3,600	3,400	85	289	30.00	8,670
1995	3,000	2,700	75	203	25.00	5,075
1996	2,800	2,500	60	150	28.60	4,290
1997	2,900	2,000	52	104	32.00	3,328
1998	2,000	1,900	50	95	40.00	3,800
	Sweet Corn for Fresh Market					
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**Dollars**	**1,000 Dollars**
1990	3,500	3,300	165	545	12.60	6,867
1991	3,300	3,100	160	496	11.00	5,456
1992	4,100	3,900	190	741	6.30	4,668
1993	4,500	4,300	160	688	10.50	7,224
1994	5,000	4,800	140	672	10.80	7,258
1995	5,000	4,500	150	675	8.60	5,805
1996	5,700	5,600	165	924	9.20	8,501
1997	6,500	6,300	165	1,040	8.70	9,048
1998	7,300	6,900	160	1,104	11.00	12,144
	Tomatoes for Processing					
	Acres	**Acres**	**Tons**	**Tons**	**Dollars**	**1,000 Dollars**
1990	200	150	15.93	2,390	98.00	234
1991	210	200	15.00	3,000	100.00	300
1992	160	130	10.00	1,300	90.00	117
1993	200	170	11.18	1,900	100.00	190
1994	200	190	16.84	3,200	110.00	352
1995	220	180	10.22	1,840	110.00	202
1996	220	220	17.72	3,900	110.00	429
1997	2/	2/	2/	2/	2/	2/
1998	2/	2/	2/	2/	2/	2/

1/ Estimates reinstated with the 1992 crop.
2/ None produced.

Onions: Acreage, production and value, Colorado, 1983-98

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Loss	Sales	Value per cwt	Total value
	Acres	**Acres**	**Cwt**	**1,000 Cwt**	**1,000 Cwt**		**Dollars**	**1,000 Dollars**
1983	11,600	10,400	330	3,432	755	2,677	14.60	39,084
1984	12,800	12,200	380	4,636	923	3,713	12.80	47,526
1985	13,100	12,600	425	5,355	1,875	3,480	8.95	31,146
1986	11,800	10,800	425	4,590	840	3,750	13.00	48,750
1987	13,300	12,500	375	4,688	775	3,913	11.50	45,000
1988	13,800	13,500	410	5,535	996	4,539	12.30	55,830
1989	14,000	13,800	400	5,520	994	4,526	12.90	58,385
1990	13,800	13,500	380	5,130	1,280	3,850	11.10	42,735
1991	13,500	12,700	390	4,953	743	4,210	12.40	52,204
1992	14,500	14,000	390	5,460	1,530	3,930	14.70	57,771
1993	16,000	15,500	370	5,735	1,035	4,700	21.70	101,990
1994	18,000	17,500	350	6,125	1,040	5,085	13.20	67,122
1995	19,000	17,800	345	6,141	1,290	4,851	11.20	54,331
1996	18,000	16,000	325	5,200	1,404	3,796	13.60	51,626
1997	18,000	15,300	350	5,355	1,178	4,177	12.50	49,538
1998	16,500	16,000	380	6,080	1,090	4,990	15.60	77,844

Field Crops: Usual planting and harvesting dates, Colorado

Crop	Ususal planting dates	Usual harvesting dates			Principal producing districts 1/
		Begin	Most active	End	
Barley:					
Fall sown	Sept. 1 - Oct. 15	June 20	July 1 - July 20	Aug. 5	20, 60, 90
Spring sown	Mar. 15 - Apr. 30	June 20	July 5 - Sept. 10	Sept. 20	10, 20, 70, 80
Beans, dry	May 20 - July 1	Aug. 25	Sept. 5 - Sept. 15	Oct. 10	20, 60, 70, 90
Corn:					
Grain	Apr. 15 - June 1	Oct. 1	Oct. 10 - Nov. 20	Dec. 1	20, 60, 70, 90
Silage	Apr. 15 - June 1	Aug. 25	Sept. 1 - Sept. 25	Oct. 10	20, 60, 70, 90
Hay:					
Alfalfa	June 1	June 5 - Sept. 25	Oct. 10		Statewide
Other	July 1	July 5 - Aug. 10	Sept. 25		Statewide
Oats	Mar. 20 - May 5	July 15	July 25 - Aug. 30	Sept. 20	Statewide
Potatoes:					
Fall	Apr. 25 - May 25	Sept. 15	Oct. 1 - Oct. 10	Oct. 20	80
Summer	Apr. 5 - May 10	July 25	Aug. 15 - Sept. 25	Oct. 20	20
Sorghum:					
Grain	May 5 - June 20	Oct. 1	Oct. 10 - Nov. 15	Nov. 25	60, 90
Silage	May 5 - June 20	Sept. 1	Sept. 5 - Sept. 20	Oct. 1	60, 90
Sugar beets	Apr. 1 - May 25	Oct. 1	Oct. 15 - Nov. 5	Nov. 20	20
Sunflowers	May 20 - June 10	Sept. 10	Sept. 20 - Oct. 10	Oct. 30	20, 60
Wheat:					
Winter	Aug. 20 - Oct. 10	June 25	July 10 - July 20	Sept. 5	20, 60, 90
Spring	Mar. 25 - May 20	July 15	Aug. 5 - Sept. 25	Oct. 1	10, 80

1/ See footnotes at bottom of page.

Fruit Crops: Usual bloom and harvest dates, Colorado

Crop	Ususal blooming dates	Usual harvesting dates			Principal producing counties
		Begin	Most active	End	
Apples	Apr. 20 - May 10	Aug. 5	Sept. 10 - Oct. 10	Nov. 5	Delta, Mesa
Peaches	Apr. 5 - Apr. 25	Aug. 5	Aug. 20 - Sept. 5	Sept. 20	Mesa, Delta
Pears	Apr. 20 - May 5	Aug. 10	Aug. 15 - Sept. 10	Sept. 20	Mesa, Delta
Cherries, Tart	Apr. 30	July 5	July 20 - July 30	Aug. 5	Delta, Mesa

Vegetable Crops: Usual planting and harvesting dates, Colorado

Crop	Ususal planting dates	Usual harvesting dates			Principal producing districts 1/
		Begin	Most active	End	
Cabbage	Apr. 5 - June 1	July 15	Aug. 1 - Sept. 30	Nov. 1	20, 60, 90
Cantaloupe	May 1 - May 20	Aug. 1	Aug. 10 - Aug. 30	Sept. 30	90
Carrots	Apr. 1 - July 5	Aug. 1	Aug. 15 - Nov. 30	Dec. 5	20, 60, 80
Lettuce	Mar. 20 - July 10	June 10	June 15 - Sept. 15	Oct. 1	20, 60, 70, 80
Onions	Mar. 10 - Apr. 30	July 10	Aug. 1 - Sept. 30	Oct. 31	20, 70, 90
Spinach	Apr. 1 - Aug. 1	June 20	July 20 - Sept. 1	Sept. 30	20, 60, 80
Sweet corn	Apr. 1 - June 30	July 10	July 20 - Sept. 20	Oct. 5	20, 60, 70, 90

1/ For Districts, see map on inside of front cover as follows:
10-Northwest and Mountains; 20-Northeast; 60-East Central; 70-Southwest; 80-San Luis Valley; 90-Southeast.

Floriculture: Production, sales, and value for operations with $100,000 + sales, Colorado, 1997 1/

Kind	Number of producers	Plants grown	Production area	Sales			Wholesale price 2/	Value of sales at wholesale
				Unit	Number sold	Percent of sales at wholesale		
			1,000					1,000
	Number	1,000	Sq. Ft.	1,000	1,000	Percent	Dollars	Dollars
Cut Flowers	---	---	---	---	---	---	---	12,932
Carnations	---	973	480	---	8,326	100	.295	2,457
Standard	11	771	378	Blooms	8,061	100	.245	1,975
Miniature	11	202	102	Bunches	265	100	1.820	482
Roses, Hybrid Tea	13	757	1,399	Blooms	18,570	98	.348	6,462
Others	---	---	---	---	---	---	---	4,013
Potted Flowering Plants	---	---	---	---	---	---	---	10,818
African Violets	7	---	---	Pots	43	98	2.160	93
Chrysanthemums	7	---	---	Pots	222	100	3.370	748
Cyclamens	19	---	---	Pots	107	91	4.230	453
Finished Florist Azaleas	10	---	---	Pots	31	98	7.550	234
Potted Kalanchoes	8	---	---	Pots	45	95	3.690	166
Easter Lilies	12	---	---	Pots	264	100	4.810	1,270
Poinsettias	32	---	---	Pots	1,514	97	4.110	6,230
Others	---	---	---	Pots	---	---	---	1,624
Foliage Plants	---	---	---	---	---	---	---	979
Hanging Baskets	13	---	---	Baskets	30	89	6.800	204
Potted Foliage	12	---	131	---	---	90	---	775
Bedding/Garden Plants	---	---	---	---	---	---	---	41,380
Flats	---	---	---	Flats	---	---	---	21,801
Geraniums	19	---	---	Flats	54	68	11.830	639
Impatiens	39	---	---	Flats	100	94	9.010	901
New Guinea Impatiens	10	---	---	Flats	5	51	8.240	41
Petunias	50	---	---	Flats	497	93	8.840	4,393
Other (Incl. Foliar)	48	---	---	Flats	1,552	90	9.000	13,968
Vegetable Type	38	---	---	Flats	188	76	9.890	1,859
Potted	---	---	---	---	---	---	---	15,530
Chrysanthemums	25	---	---	Pots	870	99	1.170	1,016
Geraniums (Cutting)	45	---	---	Pots	1,445	86	2.120	3,059
Geraniums (Seed)	18	---	---	Pots	1,327	99	.980	1,300
Impatiens	10	---	---	Pots	58	89	.900	52
New Guinea Impatiens	23	---	---	Pots	248	89	2.300	570
Petunias	16	---	---	Pots	110	82	1.080	119
Other (Incl. Foliar)	42	---	---	Pots	3,932	84	2.170	8,540
Vegetable Type	24	---	---	Pots	763	60	1.150	874
Flowering Hanging Baskets	---	---	---	---	---	---	---	4,049
Geraniums	38	---	---	Baskets	87	86	7.400	644
Impatiens	27	---	---	Baskets	19	88	7.150	136
New Guinea Impatiens	24	---	---	Baskets	56	94	7.570	424
Petunias	35	---	---	Baskets	43	86	6.770	291
Other	46	---	---	Baskets	348	92	7.340	2,554
Total Cut Cultivated Greens	---	---	---	---	---	---	---	6
Total All Plants 3/	80	---	---	---	---	---	---	66,115

1/ During 1997, there were 185 operations that had sales of $10,000 or more. The **total covered growing area** for all 185 operations of 11,562,000 square feet consisted of the following:

436,000 square feet of glass; 8,099,000 square feet of fiberglass and other rigid greenhouses;
2,683,000 square feet of film plastic (single/multiple) greenhouses; 344,000 square feet of shade and temporary cover.
In addition, plants were produced on 74 acres of **open ground**.

The data in the table represents production and sales only from operations with sales of $100,000 or more. The value of sales from all 185 operations with sales of $10,000 or more totaled $71,290,000 in 1997.

2/ For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

3/ Value based on equivalent wholesale value of all sales for all crops except potted foliage plants which are based on net value of sales.

Floriculture: Production, sales, and value for operations with $100,000 + sales, Colorado, 1998 1/

Kind	Number of producers	Plants grown	Production area	Sales			Wholesale price 2/	Value of sales at wholesale
				Unit	Number sold	Percent of sales at wholesale		
	Number	**1,000**	**1,000 Sq. Ft.**	**1,000**	**1,000**	**Percent**	**Dollars**	**1,000 Dollars**
Cut Flowers	---	---	---	---	---	---	---	11,330
Carnations	---	708	1,068	---	6,213	100	.334	2,077
Standard	9	463	234	Blooms	5,872	100	.255	1,497
Miniature	12	245	126	Bunches	341	100	1.700	580
Roses, Hybrid Tea	13	669	1,591	Blooms	17,912	99	.311	5,571
Others	---	---	---	---	---	---	---	3,682
Potted Flowering Plants	---	---	---	---	---	---	---	9,208
African Violets	7	---	---	Pots	49	100	2.040	100
Chrysanthemums	9	---	---	Pots	196	98	3.150	618
Cyclamens	17	---	---	Pots	65	91	4.220	274
Finished Florist Azaleas	8	---	---	Pots	27	97	7.810	211
Potted Kalanchoes	7	---	---	Pots	37	98	3.380	125
Easter Lilies	16	---	---	Pots	225	99	4.280	963
Poinsettias	34	---	---	Pots	1,406	97	3.930	5,525
Others	---	---	---	Pots	---	---	---	1,392
Foliage Plants	---	---	---	---	---	---	---	1,789
Hanging Baskets	11	---	---	Baskets	43	99	6.740	290
Potted Foliage	12	---	212	---	---	94	---	1,499
Bedding/Garden Plants	---	---	---	---	---	---	---	44,467
Flats	---	---	---	Flats	---	---	---	21,955
Geraniums	18	---	---	Flats	81	98	12.390	1,004
Impatiens	38	---	---	Flats	94	89	9.690	911
New Guinea Impatiens	8	---	---	Flats	6	98	8.960	54
Petunias	47	---	---	Flats	479	93	9.130	4,373
Other (Incl. Foliar)	53	---	---	Flats	1,446	91	9.900	14,315
Vegetable Type	35	---	---	Flats	139	69	9.340	1,298
Potted	---	---	---	---	---	---	---	16,591
Chrysanthemums	29	---	---	Pots	819	98	1.330	1,086
Geraniums (Cutting)	49	---	---	Pots	1,371	85	2.540	3,487
Geraniums(Seed)	19	---	---	Pots	1,246	98	.990	1,234
Impatiens	12	---	---	Pots	62	90	1.020	63
New Guinea Impatiens	28	---	---	Pots	245	91	1.700	416
Petunias	13	---	---	Pots	110	92	1.290	142
Other (Incl. Foliar)	49	---	---	Pots	3,858	86	2.440	9,408
Vegetable Type	28	---	---	Pots	697	39	1.080	755
Flowering Hanging Baskets	---	---	---	---	---	---	---	5,921
Geraniums	41	---	---	Baskets	96	89	7.770	746
Impatiens	28	---	---	Baskets	38	92	6.680	254
New Guinea Impatiens	24	---	---	Baskets	41	85	7.860	322
Petunias	32	---	---	Baskets	68	90	6.480	441
Other	43	---	---	Baskets	589	94	7.060	4,158
Total All Plants 3/	85	---	---	---	---	---	---	66,794

1/ During 1998, there were 196 operations that had sales of $10,000 or more. The **total covered growing area** for all 196 operations of 11,676,000 square feet consisted of the following:

536,000 square feet of glass; 7,734,000 square feet of fiberglass and other rigid greenhouses;
3,057,000 square feet of film plastic (single/multiple) greenhouses; 349,000 square feet of shade and temporary cover.
In addition, plants were produced on 96 acres of **open ground**.

The data in the table represents production and sales only from operations with sales of $100,000 or more. The value of sales from all 196 operations with sales of $10,000 or more totaled $71,624,000 in 1998.

2/ For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

3/ Value based on equivalent wholesale value of all sales for all crops except potted foliage plants which are based on net value of sales.

Precipitation: Monthly and annual averages by district, Colorado, 1992-98 1/

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
Northwest and Mountain District													
Inches													
Average													
1941-70	**1.13**	**1.02**	**1.29**	**1.50**	**1.37**	**1.28**	**1.64**	**1.76**	**1.19**	**1.16**	**.99**	**1.13**	**15.46**
1992	.62	.67	1.50	1.20	2.09	1.14	1.82	2.00	.94	.86	1.43	.92	15.19
1993	1.43	2.20	1.88	1.94	1.47	1.11	.75	1.38	1.60	2.04	1.35	.72	17.87
1994	.58	1.22	.87	1.92	.89	.73	.33	1.77	1.32	1.21	1.46	.59	12.89
1995	1.02	1.82	1.98	2.51	4.01	1.74	1.46	1.45	1.86	.94	1.38	.94	21.11
1996	2.85	2.38	1.14	1.58	1.32	1.08	1.12	.71	1.75	1.73	1.72	2.07	19.45
1997	2.19	.82	.52	2.62	2.20	1.28	1.23	2.75	2.94	1.56	1.11	.80	20.02
1998	1.21	1.01	1.55	1.45	.50	1.50	2.76	1.47	.84	1.99	1.13	.68	16.09
Northeast District													
Inches													
Average													
1941-70	**.47**	**.44**	**1.00**	**1.69**	**2.81**	**2.41**	**1.95**	**1.54**	**1.10**	**1.09**	**.60**	**.40**	**15.50**
1992	.83	.16	3.22	.65	1.16	4.08	2.21	3.22	.32	.58	1.27	.51	18.21
1993	.25	.95	.97	1.93	1.77	2.55	1.21	1.69	1.95	1.93	1.15	.24	16.59
1994	.66	.53	.70	1.76	1.03	1.41	1.40	1.54	.65	1.97	.96	.42	13.03
1995	.28	.68	.72	2.94	5.89	3.89	1.19	.74	2.45	.66	.82	.10	20.36
1996	.90	.12	1.30	.98	3.98	1.89	2.15	1.89	2.95	.51	.62	.15	17.44
1997	.54	.77	.50	2.43	2.00	3.75	2.51	3.14	1.58	2.19	.81	.39	20.61
1998	.30	.44	1.64	1.97	1.98	2.05	3.60	1.28	.62	1.96	1.03	.46	17.33
East Central District													
Inches													
Average													
1941-70	**.41**	**.39**	**.87**	**1.53**	**2.56**	**2.29**	**2.53**	**2.15**	**1.26**	**1.04**	**.58**	**.34**	**15.95**
1992	.83	.35	1.94	.39	.92	3.54	2.81	3.61	.26	.59	.96	.28	16.48
1993	.35	.75	.60	1.32	1.89	1.75	2.70	3.01	.97	2.12	.99	.21	16.66
1994	.50	.20	.42	2.19	1.59	1.77	2.44	2.18	.61	2.02	.77	.32	15.01
1995	.45	.49	.94	2.69	5.39	4.88	2.25	1.04	1.69	.48	.37	.06	20.73
1996	.35	.13	.89	.72	3.51	2.06	3.42	2.91	2.08	.30	.18	.11	16.66
1997	.19	.61	.19	1.29	1.65	3.14	3.86	4.03	.84	2.55	.55	.50	19.40
1998	.10	.54	.63	1.49	2.35	1.43	5.62	2.71	.50	1.34	.84	.31	17.86
West Central and Southwest District													
Inches													
Average													
1941-70	**1.25**	**1.05**	**1.25**	**1.35**	**1.04**	**.90**	**1.39**	**1.88**	**1.37**	**1.61**	**1.00**	**1.27**	**15.36**
1992	.58	1.12	2.01	.61	3.34	.58	2.08	1.77	1.01	1.34	1.41	1.39	17.24
1993	2.73	2.72	1.56	1.11	2.19	.35	.16	2.81	.98	1.93	1.06	.70	18.30
1994	.55	1.54	.59	2.10	.78	.58	.42	1.42	2.00	1.26	1.84	.92	14.00
1995	1.24	.99	2.67	1.31	3.07	1.67	1.48	1.66	1.75	.50	.68	.77	17.79
1996	1.62	1.51	.84	1.09	.54	1.08	1.29	.63	2.21	2.83	1.81	1.10	16.55
1997	2.37	1.01	.39	2.12	1.89	1.08	1.35	2.16	3.20	1.78	1.04	.61	19.00
1998	.92	1.18	1.96	1.28	.35	.59	1.82	1.06	1.07	2.50	1.40	.52	14.65
South Central District													
Inches													
Average													
1941-70	**.42**	**.32**	**.53**	**.77**	**.76**	**.69**	**1.45**	**1.59**	**.86**	**.97**	**.38**	**.48**	**9.22**
1992	.18	.17	1.32	.17	1.33	.80	1.75	2.61	.71	.15	.54	.69	10.59
1993	.39	.63	.77	.46	1.41	.26	.59	3.60	.99	.62	.53	.28	10.53
1994	.39	.18	.74	1.27	1.65	.52	.41	1.99	1.35	1.10	.96	.13	10.69
1995	.15	.19	.98	1.23	1.49	1.58	1.41	1.34	1.27	.09	.45	.16	10.34
1996	.45	.22	.48	.53	.20	1.26	1.00	1.07	.90	.80	.57	.71	8.19
1997	.48	.71	.17	.59	1.10	1.31	1.14	1.97	2.22	.74	.90	.33	11.66
1998	.13	.23	.71	.81	.11	.11	2.28	1.26	.75	2.18	.67	.12	9.36
Southeast District													
Inches													
Average													
1941-70	**.56**	**.54**	**.95**	**1.51**	**1.96**	**1.61**	**2.24**	**2.05**	**1.05**	**1.02**	**.62**	**.55**	**14.66**
1992	.20	.43	.79	.37	1.17	3.33	3.09	3.41	.25	.38	1.72	.40	15.54
1993	.42	.94	1.50	1.30	2.68	1.71	1.07	2.93	.88	.96	.98	.17	15.54
1994	.44	.04	1.04	1.90	2.27	1.65	1.74	3.40	.77	1.05	.89	.19	15.38
1995	.39	.23	.98	2.28	4.59	3.25	1.65	1.15	1.24	.03	.27	.12	16.18
1996	.30	.19	1.11	.60	2.69	2.12	3.70	3.32	1.92	.54	.41	.27	17.17
1997	.38	.91	.26	1.96	.74	1.70	1.85	5.21	1.58	2.66	1.41	.92	19.58
1998	.14	.57	2.04	1.83	.91	.67	5.42	2.49	.70	2.07	1.27	.34	18.45

1/ Compiled from reports issued by the National Oceanic and Atmospheric Administration.